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Professor B. F. Yanney, formerly of Mount Union College, is now at the head of the Department of Mathematics in Wooster University, Wooster, Ohio. F.

BOOKS.

Elements of the Differential and Integral Calculus. By Wm. Anthony Granville, Ph. D., President of Pennsylvania College, with the Editorial Co-operation of Percy F. Smith, Ph. D., Professor of Mathematics in the Sheffield Scientific School of Yale University. Revised Edition. 8vo. Cloth. xv+463 pages. Price \$2.50. Boston and Chicago: Ginn & Co.

This book has been very favorably received by teachers of the Calculus. Portraits of the two discoverers of the Calculus are inserted in the present edition. F.

Physical Measurements. By A. Wilmer Duff, Professor of Physics in the Worcester Polytechnic Institute, and Arthur W. Ewell, Professor of Physics, in the Worcester Polytechnic Institute. Second Edition, Revised and Enlarged, with 78 Illustrations. 8vo. Cloth. x+258 pages. Price, \$1.50. Philadelphia: P. Blakeston's Son & Co.

This manual contains a large variety of the most important experiments in the various subjects of Physics, such as Mechanics, Heat, Sound, Light, and Electricity and Magnetism. The experiments can be made with a minimum amount of apparatus. F.

Exercises From Algebra for Secondary Schools. By Charless Davison, Sc. D., Mathematical Master of King Edward's High School, Birmingham, Eng. 8vo. Cloth, vi+320 pp. Price with answers, \$1.00. Cambridge, England: The University Press. G. P. Putnam's Sons, American Agents.

The book contains a fine collection of exercises and problems in the various subjects in elementary algebra from addition through the progressions, logarithms, permutation and combination, convergency and divergency of series, and exponential and logarithmic series. The answers are given at the end of the volume. The book will be found very useful to those teachers who wish to supplement the problems of the texts with well chosen problems from outside sources. F.

Principles of Physics, Designed for the Use as a Text Book of General Physics, by William Francis Magie, Ph. D., Henry Professor of Physics in Princeton University. 8vo. Cloth. ix+570 pages. Price, \$3.00. New York: The Century Co.

This is a text book of rare excellence and one that will, we predict, be extensively used in our best colleges and universities. The book develops the subject in the historical order, thus putting in the clearest light those facts which are fundamental, showing the way theory grows out of facts, and leading the mind of the student along the pathway of discovery. The facts first discovered were those lying on the surface and thus most exposed. These are generally the easiest to understand. This is the reason why the historical order of study is pedagogically the best. Only a minimum of mathematics is required in reading this text. F.